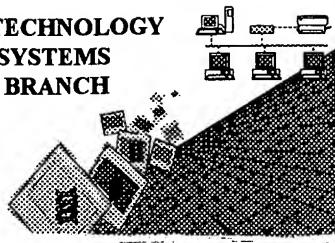


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BIOTECHNOLOGY  
SYSTEMS  
BRANCH

05/07  
05/07



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/002,802  
Source: O1PE  
Date Processed by STIC: 5/2/02

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202**
3. **Hand Carry directly to:**  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202**

Revised 01/29/2002

Raw Sequence Listing Error Summary

O IPE

ERROR DETECTED      SUGGESTED CORRECTION      SERIAL NUMBER: 10/002,802

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1  Wrapped Nucleic  
       Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2  Invalid Line Length      The rules require that a line not exceed 72 characters in length. This includes white spaces.

3  Misaligned Amino  
      Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4  Non-ASCII      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5  Variable Length      Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6  PatentIn 2.0  
      "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7  Skipped Sequences  
(OLD RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8  Skipped Sequences  
(NEW RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000

9  Use of n's or Xaa's  
(NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.

10  Invalid <213>  
      Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence.

11  Use of <220>  
      -      Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12  PatentIn 2.0  
      "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13  Misuse of n      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



**Does Not Comply  
Corrected Diskette Needed**

OPIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/002,802

DATE: 05/02/2002  
TIME: 15:48:11

Input Set : A:\06669-1.txt  
Output Set: N:\CRF3\05022002\J002802.raw

3 <110> APPLICANT: Uhler, Michael D.  
5 <120> TITLE OF INVENTION: Surface Transfection and Expression Procedure  
7 <130> FILE REFERENCE: UM-06669  
9 <140> CURRENT APPLICATION NUMBER: 10/002,802  
C--> 10 <141> CURRENT FILING DATE: 2002-04-19  
12 <150> PRIOR APPLICATION NUMBER: 60/245,892  
13 <151> PRIOR FILING DATE: 2000-11-03  
15 <150> PRIOR APPLICATION NUMBER: 60/305,552  
16 <151> PRIOR FILING DATE: 2001-07-13  
18 <150> PRIOR APPLICATION NUMBER: 09/960,454  
19 <151> PRIOR FILING DATE: 2001-09-21  
21 <160> NUMBER OF SEQ ID NOS: 22  
23 <170> SOFTWARE: PatentIn version 3.1  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 20  
27 <212> TYPE: DNA  
28 <213> ORGANISM: PKC $\alpha$  phosphorothioate oligonucleotide  
30 <400> SEQUENCE: 1  
31 gttctcgctg gtgagttca  
34 <210> SEQ ID NO: 2  
35 <211> LENGTH: 7  
36 <212> TYPE: DNA  
37 <213> ORGANISM: Transcriptional response element  
39 <400> SEQUENCE: 2  
40 tgactca  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 8  
45 <212> TYPE: DNA  
46 <213> ORGANISM: Transcriptional response element  
48 <400> SEQUENCE: 3  
49 tgacgtca  
52 <210> SEQ ID NO: 4  
53 <211> LENGTH: 9  
54 <212> TYPE: DNA  
55 <213> ORGANISM: Transcriptional response element  
57 <400> SEQUENCE: 4  
58 gggaaattcc  
61 <210> SEQ ID NO: 5  
62 <211> LENGTH: 12  
63 <212> TYPE: DNA  
64 <213> ORGANISM: Transcriptional response element  
66 <400> SEQUENCE: 5  
67 gaaaactgaaa ct

The type of errors shown exist thru the Sequence Listing. Please check sequences for similar errors.

Invalid resp  
Summary she

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

— Invalid response, see error  
summary sheet item 10

20

7

8

1

12

RAW SEQUENCE LISTING DATE: 05/02/2002  
PATENT APPLICATION: US/10/002,802 TIME: 15:48:11

Input Set : A:\06669-1.txt  
Output Set: N:\CRF3\05022002\J002802.raw

70 <210> SEQ ID NO: 6  
71 <211> LENGTH: 12  
72 <212> TYPE: DNA  
73 <213> ORGANISM: Transcriptional response element  
75 <400> SEQUENCE: 6  
76 aaactgaaac tg 12  
79 <210> SEQ ID NO: 7  
80 <211> LENGTH: 22  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Transcriptional response element  
84 <400> SEQUENCE: 7  
85 agtttcatat ttactctaaa tc 22  
88 <210> SEQ ID NO: 8  
89 <211> LENGTH: 29  
90 <212> TYPE: DNA  
91 <213> ORGANISM: Transcriptional response element  
93 <400> SEQUENCE: 8  
94 ggaggaaaaa ctgttcatac agaaggcgt 29  
97 <210> SEQ ID NO: 9  
98 <211> LENGTH: 12  
99 <212> TYPE: DNA  
100 <213> ORGANISM: Transcriptional response element  
102 <400> SEQUENCE: 9  
103 cacgtccacg tc 12  
106 <210> SEQ ID NO: 10  
107 <211> LENGTH: 17  
108 <212> TYPE: DNA  
109 <213> ORGANISM: Transcriptional response element  
111 <400> SEQUENCE: 10  
112 cttggcgaaa gatagaa 17  
115 <210> SEQ ID NO: 11  
116 <211> LENGTH: 8  
117 <212> TYPE: DNA  
118 <213> ORGANISM: Transcriptional response element  
120 <400> SEQUENCE: 11  
121 ccaggaag 8  
124 <210> SEQ ID NO: 12  
125 <211> LENGTH: 13  
126 <212> TYPE: DNA  
127 <213> ORGANISM: Transcriptional response element  
129 <400> SEQUENCE: 12  
130 atgcaaatga tat 13  
133 <210> SEQ ID NO: 13  
134 <211> LENGTH: 13  
135 <212> TYPE: DNA  
136 <213> ORGANISM: Transcriptional response element  
138 <400> SEQUENCE: 13  
139 ctaagtcaat aat 13  
142 <210> SEQ ID NO: 14

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/002,802

DATE: 05/02/2002  
TIME: 15:48:11

Input Set : A:\06669-1.txt  
Output Set: N:\CRF3\05022002\J002802.raw

143 <211> LENGTH: 20  
144 <212> TYPE: DNA  
145 <213> ORGANISM: Transcriptional response element  
147 <400> SEQUENCE: 14  
148 tgcagattgc gcaatctgca 20  
151 <210> SEQ ID NO: 15  
152 <211> LENGTH: 16  
153 <212> TYPE: DNA  
154 <213> ORGANISM: Transcriptional response element  
156 <400> SEQUENCE: 15  
157 gccagccaat gagcgc 16  
160 <210> SEQ ID NO: 16  
161 <211> LENGTH: 21  
162 <212> TYPE: DNA  
163 <213> ORGANISM: Transcriptional response element  
165 <400> SEQUENCE: 16  
166 cgcctcgcc cccgcgcgg g 21  
169 <210> SEQ ID NO: 17  
170 <211> LENGTH: 13  
171 <212> TYPE: DNA  
172 <213> ORGANISM: Transcriptional response element  
174 <400> SEQUENCE: 17  
175 ccccgctgcc atc 13  
178 <210> SEQ ID NO: 18  
179 <211> LENGTH: 25  
180 <212> TYPE: DNA  
181 <213> ORGANISM: Transcriptional response element  
183 <400> SEQUENCE: 18  
184 gttatggcga ctatccagct ttgtg 25  
187 <210> SEQ ID NO: 19  
188 <211> LENGTH: 23  
189 <212> TYPE: DNA  
190 <213> ORGANISM: Transcriptional response element  
192 <400> SEQUENCE: 19  
193 gaaaccctg gaatattccc gac 23  
196 <210> SEQ ID NO: 20  
197 <211> LENGTH: 9  
198 <212> TYPE: DNA  
199 <213> ORGANISM: Transcriptional response element  
201 <400> SEQUENCE: 20  
202 ttcccgtaa 9  
205 <210> SEQ ID NO: 21  
206 <211> LENGTH: 22  
207 <212> TYPE: DNA  
208 <213> ORGANISM: CMV promoter  
210 <400> SEQUENCE: 21  
211 attacgggt cattagttca ta 22  
214 <210> SEQ ID NO: 22  
215 <211> LENGTH: 22

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/002,802

DATE: 05/02/2002

TIME: 15:48:12

Input Set : A:\06669-1.txt

Output Set: N:\CRF3\05022002\J002802.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Creation date: 03-15-2004  
Indexing Officer: KKHAMBAY - KHOUTHONG KHAMBAY  
Team: OIPEBackFileIndexing  
Dossier: 10002802

Legal Date: 05-14-2002

No.	Doccode	Number of pages
1	CRFL	1

Total number of pages: 1

Remarks:

Order of re-scan issued on .....